

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-------------|----------------------------|---|-------------------------|
| Applicant:  | Pingree Jr., <i>et al.</i> | ) | Group Art Unit: 1709    |
|             |                            | ) |                         |
| Serial No.: | 10/708,251                 | ) | Confirmation No.: 2250  |
|             |                            | ) |                         |
| Filed:      | February 19, 2004          | ) | Examiner: Inoran Akrium |
|             |                            | ) |                         |

For: **METHOD AND SYSTEM FOR DETECTION OF SOLID MATERIALS IN A PLASMA USING AN ELECTROMAGNETIC CIRCUIT**

**RESPONSE TO RESTRICTION REQUIREMENT**

VIA EFS  
Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

This election is submitted in response to a Requirement for Restriction dated June 7, 2007. Applicants elect, with traverse, Group (II). Claims readable on Group (II) include Claims 14-26, drawn to a material detection system.